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Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/511,612-Conf. #4076
				Filing Date	August 5, 2005
				First Named Inventor	Fritz H. BACH
				Art Unit	1652
				Examiner Name	H. A. Robinson
Sheet	1	of	30	Attorney Docket Number	CNZ-006USRCE

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1*	US-4,053,590	10-11-1977	Bonsen et al.	
	A2*	US-4,264,739	04-28-1981	Grabner et al.	
	A3*	US-4,923,817	05-08-1990	Mundt et al.	
	A4*	US-4,979,939	12-25-1990	Shiber	
	A5*	US-5,084,380	01-28-1992	Carney	
	A6*	US-5,180,366	01-19-1993	Woods	
	A7*	US-5,240,912	08-31-1993	Todaro	
	A8*	US-5,293,875	03-15-1994	Stone	
	A9*	US-5,449,665	09-12-1995	Sollevi et al.	
	A10*	US-5,476,764	12-19-1995	Bitensky	
	A11*	US-5,498,421	03-12-1996	Grinstaff et al.	
	A12*	US-5,588,960	12-31-1996	Edwards et al.	
	A13*	US-5,632,162	05-27-1997	Billy et al.	
	A14*	US-5,664,563	09-09-1997	Schroeder et al.	
	A15*	US-5,709,874	01-20-1998	Hanson et al.	
	A16*	US-5,731,326	03-24-1998	Hart et al.	
	A17*	US-5,756,492	05-26-1998	Buelow et al.	
	A18*	US-5,763,431	06-09-1998	Jackson	
	A19*	US-5,792,325	08-11-1998	Richardson, Jr.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	B1	JP-53-81611	07-19-1978	Okazaki, K.	
	B2	JP-56-79957	06-30-1981	Sogo Seibutsu Igaku Kenkyusho	Abstr.
	B3	WO-94/22482-A1	10-13-1994	Biorelease Technologies, Inc.	
	B4	WO-95/35105-A1	12-28-1995	LTS Lohmann Therapie- Systeme GmbH & Co. KG	Abstr.
	B5	WO-98/08523-A1	03-05-1998	Messer Griesheim GmbH	Abstr.
	B6	WO-98/13058-A1	04-02-1998	The Trustees of Columbia University in the City of New York	

Examiner Signature	/Hope Robinson/	Date Considered	06/07/2010
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A20*	US-5,882,674		03-16-1999	Herrmann et al.	
A21*	US-5,885,621		03-23-1999	Head et al.	
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A27*	US-6,251,418		06-26-2001	Ahern et al.	
A28*	US-6,313,144		11-06-2001	McCullough et al.	
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A32*	US-6,450,989		09-17-2002	Dubrul et al.	
A33*	US-20020155166		10-24-2002	Choi et al.	
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B7	JP-10-506388		06-23-1998		Abstr.
B8	WO-99/47512-A1		09-23-1999	Celgene Corporation	
B9	WO-99/49880-A1		10-07-1999	The Trustees of Columbia University in the City of New York	
B10	WO-00/36113		06-22-2000	Sangstat Medical Corporation	
B11	WO-00/61166		10-19-2000	Breonics, Inc.	
B12	WO-02/09731-A1		02-07-2002	L'Air Liquide Sante (International)	Abstr.

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A39*	US-20030064114	04-03-2003	Motterlini et al.		
A40*	US-20030068387	04-10-2003	Buelow et al.		
A41*	US-20030219496	11-27-2003	Otterbein et al.		
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A44*	US-20040052866	03-18-2004	Otterbein et al.		
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A46*	US-20040131703	07-08-2004	Bach et al.		
A47*	US-20040197271	10-07-2004	Kunka et al.		
A48*	US-20040228930	11-18-2004	Billiar et al.		
A49*	US-20040258772	12-23-2004	Otterbein et al.		
A50*	US-20050048133	03-03-2005	Pinsky et al.		
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A53*	US-20060003922	01-05-2006	Bach et al.		
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A56*	US-20070202083	08-30-2007	Bach et al.		
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B13	FR-2816212-A1		05-10-2002	Air Liquide Sante (International)	
B14	WO-02/092075-A2		11-21-2002	Northwick Park Institute for Medical Research et al.	
B15	WO-03/000114-A2		01-03-2003	Beth Israel Deaconess Medical Center et al.	
B16	WO-04/004817-A1		01-15-2004	Ino Therapeutics GmbH	

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PTO/SB/08a (07-09)

Approved for use through 07/31/2012, OMB 0651-0031

Approved for use through January 21, 2017. GPO 2015-093.

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(Use as many sheets as necessary)					
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	C1	Abidin et al., "The Combined Effect of Carbon Monoxide and Normobaric Hyperoxia on Animals," <i>Kosmicheskaya Biologiya i Aviakosmicheskaya Meditsina</i> , Vol. 6:63-67 (1978)	
	C2	Agarwal, Anupam et al., "Renal Response to Tissue Injury: Lessons from Heme Oxygenase-1 Gene Ablation and Expression," <i>J. Am. Soc. Nephrol.</i> , Vol. 11:965-973 (2000)	
	C3	Akagi, Reiko et al., "Fundamental Role of Heme Oxygenase in the Protection Against Ischemic Acute Renal Failure," <i>Jpn. J. Pharmacol.</i> , Vol. 88:127-132 (2002)	
	C4	Allred, Elizabeth N. et al., "Effects of Carbon Monoxide on Myocardial Ischemia," <i>Environmental Health Perspectives</i> , Vol. 91:89-132 (1991)	
	C5	American Cancer Society, "Colorectal Cancer Treatment: An Overview," retrieved online at <a href="http://www.cancer.org/docroot/NWS/content/NW_1_1x_Colorectal_cancer_treatment">http://www.cancer.org/docroot/NWS/content/NW_1_1x_Colorectal_cancer_treatment</a> (2000)	
	C6	American Thoracic Society, "Single-breath Carbon Monoxide Diffusing Capacity (Transfer Factor)," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 152:2185-2198 (1995)	
	C7	American Thoracic Society, "Single Breath Carbon Monoxide Diffusing Capacity (Transfer Factor), Recommendations for a Standard Technique," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 136 (5):1299-1307 (1987)	
	C8	Appel, James Z., III et al., "The Pig as a Source of Cardiac Xenografts," <i>J. Card. Surg.</i> , Vol. 16:345-356 (2001)	
	C9	Arcasoy, Murat O. et al., "Erythropoietin (EPO) Stimulates Angiogenesis In Vivo and Promotes Wound Healing," <i>Blood</i> , Vol. 98:822A-823A (2001)	
	C10	Arita, Seiji et al., "Prevention of Primary Islet Isograft Nonfunction in Mice with Pravastatin," <i>Transplantation</i> , Vol. 65(11):1429-1433 (1998)	

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	C11	Arnush, Marc et al., "IL-1 Produced and Released Endogenously within Human Islets Inhibits β Cell Function," <i>J. Clin. Invest.</i> , Vol. 102(3):516-526 (1998)		
	C12	Avihingsanon, Yingyos et al., "Expression of Protective Genes in Human Renal Allografts: A Regulatory Response to Injury Associated with Graft Rejection," <i>Transplantation</i> , Vol. 73(7):1079-1085 (2002)		
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	C15	Baim, Donald S. et al., "Treatment of Coronary Stenoses and Occlusions with Coronary Angioplasty," <i>Harrison's Principles of Internal Medicine</i> , 13th Edition, McGraw-Hill, Inc., Kurt J. Isselbacher Eds., Vol. 1:986-987 (1994)		
	C16	Bathoorn, E. et al., "Anti-inflammatory effects of inhaled carbon monoxide in patients with COPD: a pilot study," <i>Eur. Respir. J.</i> , Vol. 30:1131-1137 (2007)		
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	C18	Bentley, Michael J. et al., "Successful Cardiac Transplantation With Methanol or Carbon Monoxide-Poisoned Donors," <i>Ann. Thorac. Surg.</i> , Vol. 71:1194-1197 (2001)		
	C19	Berney, Thierry et al., "Islet cell transplantation: the future?" <i>Langenbeck's Arch. Surg.</i> , Vol. 385:373-378 (2000)		
	C20	Billiar, Timothy R., "The diverging roles of carbon monoxide and nitric oxide in resuscitated hemorrhagic shock," <i>Critical Care Medicine</i> , Vol. 27(12):2842-2843 (1999)		

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	C26	Brown, S.D. et al., "In vivo binding of carbon monoxide to cytochrome c oxidase in rat brain," <i>Journal of Applied Physiology</i> , Vol. 68(2):604-610 (1990)	
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	C28	Campbell, J. Argyll, "Cancer of Skin and Increase in Incidence of Primary Tumours of Lung in Mice Exposed to Dust Obtained from Tarred Roads," <i>The British Journal of Experimental Pathology</i> , Vol. 15(5):287-294 (1934)	
	C29	Campbell, J. Argyll, "Living at Very High Altitudes and Maintenance of Normal Health," <i>The Lancet</i> , Vol. 1:370-373 (1930)	
	C30	Campbell, J. Argyll, "The Effect of Carbon Monoxide and Other Agetns Upon the Rate of Tumour Growth," <i>J. Pathology &amp; Bacteriology</i> , Vol. 35:379-394 (1932)	

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	C31	Cantrell, James M. et al., "Low-dose Carbon Monoxide Does Not Reduce Vasoconstriction in Isolated Rat Lungs," <i>Experimental Lung Research</i> , Vol. 22:21-32 (1996)	
	C32	Caplan, Michael S. et al., "Role of Asphyxia and Feeding in a Neonatal Rat Model of Necrotizing Enterocolitis," <i>Pediatric Pathology</i> , Vol. 14:1017-1028 (1994)	
	C33	Cardell, Lars-Olaf et al., "Bronchodilation <i>in vivo</i> by carbon monoxide, a cyclic GMP related messenger," <i>British Journal of Pharmacology</i> , Vol. 124:1065-1068 (1998)	
	C34	Carlsson, Per-Ola et al., "Measurements of Oxygen Tension in Native and Transplanted Rat Pancreatic Islets," <i>Diabetes</i> , Vol. 47:1027-1032 (1998)	
	C35	Carraway, M.S. et al., "Induction of ferritin and heme oxygenase-1 by endotoxin in the lung," <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> , Vol. 275:L583-L592 (1998)	
	C36	Cecil Textbook of Medicine (21st Ed.) Vol. 1:273-279, 357-372, 387-419, 425-427, 436-448, 466-475, 507-512, 1060-1074 (2000)	
	C37	Cecil Textbook of Medicine (21st Ed.) Vol. 2:1492-1499, 2042-2047, 2079-2081 (2000)	
	C38	Chapman, Jeffrey T. et al., "Carbon monoxide attenuates aeroallergen-induced inflammation in mice," <i>Am. J. Physiol. Lung Cell. Mol. Physiol.</i> , Vol. 281:L209-L216 (2001)	
	C39	Chapman, Jeff T. et al., "Exogenous Carbon Monoxide Attenuates Aeroallergen-induced Eosinophilic Inflammation in Mice," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A218 (1999)	
	C40	Chapman, Jeffrey T. et al., "Exhaled Monoxides as a Pulmonary Function Test," <i>Clinics in Chest Medicine</i> , Vol. 22(4):817-836 (2001)	

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				Filing Date	August 5, 2005
				First Named Inventor	Fritz H. BACH
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				Examiner Name	H. A. Robinson
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	C41	Chen, Yen-Chou et al., "Nitric Oxide and Prostaglandin E <sub>2</sub> Participate in Lipopolysaccharide/Interferon- $\gamma$ -Induced Heme Oxygenase 1 and Prevent RAW264.7 Macrophages from UV-Irradiation-Induced Cell Death," <i>Journal of Cellular Biochemistry</i> , Vol. 86:331-339 (2002)	
	C42	Chin, Beek Yoke et al., "Transcriptional regulation of the HO-1 gene in cultured macrophages exposed to model airborne particulate matter," <i>Am. J. Physiol. Lung Cell. Mol. Physiol.</i> , Vol. 284:L473-L480 (2003)	
	C43	Choi, Augustine M.K. et al., "Emerging Role of Carbon Monoxide in Physiologic and Pathophysiologic States," <i>Antioxidants &amp; Redox Signaling</i> , Vol. 4(2):227-228 (2002)	
	C44	Choi, Augustine M.K. et al., "Heme Oxygenase-1: Function, Regulation, and Implication of a Novel Stress-inducible Protein in Oxidant-induced Lung Injury," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 15:9-19 (1996)	
	C45	Choi, Augustine M.K., "Heme Oxygenase-1 Protects the Heart," <i>Circulation Research</i> , Vol. 89:105-107 (2001)	
	C46	Choi, Augustine M.K. et al., "'Therapeutic' Carbon Monoxide May be a Reality Soon," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 171:1318-1319 (2005)	
	C47	Christodoulides, Nick et al., "Vascular Smooth Muscle Cell Home Oxygenases Generate Guanylyl Cyclase-Stimulatory Carbon Monoxide," <i>Circulation</i> , Vol. 91:2306-2309 (1995)	
	C48	Clayton, Carolyn E. et al., "Inhaled carbon monoxide and hyperoxic lung injury in rats," <i>Am. J. Physiol. Cell Mol. Physiol.</i> , Vol. 281:L949-L957 (2001)	
	C49	ClinicalTrials.gov, "Carbon Monoxide to Prevent Lung Inflammation," retrieved online at <a href="http://clinicaltrials.gov/ct2/show?spons=%22National+Institutes+of+Health+Clinical+Center+(C)C%22&amp;spons_ex=Y&amp;rank=8">http://clinicaltrials.gov/ct2/show?spons=%22National+Institutes+of+Health+Clinical+Center+(C)C%22&amp;spons_ex=Y&amp;rank=8</a> (2007)	
	C50	ClinicalTrials.gov, "Modification of Chronic Inflammation by Inhaled Carbon Monoxide in Patients With Stable Chronic Obstructive Pulmonary Disease (COPD)," retrieved online at <a href="http://clinicaltrials.gov/ct2/show/NCT00122694?term=neutrophils&amp;rank=74">http://clinicaltrials.gov/ct2/show/NCT00122694?term=neutrophils&amp;rank=74</a> (2006)	

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	C51	Corbett, John A. et al., "Nitric oxide mediates cytokine-induced inhibition of insulin secretion by human islets of Langerhans," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90:1731-1735 (1993)	
	C52	Cozzi, E. et al., "Donor Preconditioning with Carbon Monoxide (CO) in Pig-to-Primate Xenotransplantation," <i>Xenotransplantation</i> , Vol. 10:528 (2003)	
	C53	Crapo, Robert O. et al., "Single-Breath Carbon Monoxide Diffusing Capacity," <i>Clinics in Chest Medicine</i> , Vol. 22(4):637-649 (2001)	
	C54	Czonkowska, Anna et al., "Immune processes in the pathogenesis of Parkinson's disease - a potential role for microglia and nitric oxide," <i>Med. Sci. Monit.</i> , Vol. 8(8):RA165-177 (2002)	
	C55	Davidson, Jeffrey M. et al., "Inflammatory Modulation and Wound Repair," <i>The Journal of Investigative Dermatology</i> , pgs. xi-xii (2003)	
	C56	Deng, Xiaoying et al., "Carbon Monoxide Potentiates Cerulein-Induced Pancreatitis in Chronic Alcohol-Fed Rats," <i>Gastroenterology</i> , Vol. 124(4):A618-A619 (2003)	
	C57	Dicoum, Elhadji M. et al., "NPAS2: A Gas-Responsive Transcription Factor," <i>Science</i> , Vol. 298:2385-2387 (2002)	
	C58	Dolinay, T. et al., "Can Inhalation Carbon Monoxide be Utilized as a Therapeutic Modality in Human Diseases?" <i>Breath Analysis for Clinical Diagnosis and Therapeutic Monitoring</i> , World Scientific, Anton Amann, Ed., pgs. 203-236 (2005)	
	C59	Dolinay, Tamás et al., "Inhaled Carbon Monoxide Confers Antiinflammatory Effects Against Ventilator-induced Lung Injury," <i>Am. J. Respir. Crit. Care Med.</i> , Vol. 170:613-620 (2004)	
	C60	Donnelly, Louise E. et al., "Expression of Heme Oxygenase in Human Airway Epithelial Cells," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 24:295-303 (2001)	

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	C61	Downard, Patrick J. et al., "Heme Oxygenase-Dependent Carbon Monoxide Production Is a Hepatic Adaptive Response to Sepsis," <i>Journal of Surgical Research</i> , Vol. 71:7-12 (1997)	
	C62	Dyck, E. Danielle et al., "Carbon Monoxide (CO) Attenuates Lipopolysaccharide (LPS)-Induced Cytokine Expression of IL-6," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1):64 (2000)	
	C63	Ellenhorn, Matthew J. et al., "Carbon Monoxide," <i>Medical Toxicology, Diagnosis and Treatment of Human Poisoning</i> , Elsevier, Chpt. 34, pgs. 820-829 (1988)	
	C64	Farrugia, Gianrico et al., "Heme Oxygenase, Carbon Monoxide, and Interstitial Cells of Cajal," <i>Microsc. Res. Tech.</i> , Vol. 47:321-324 (1999)	
	C65	Favory, Raphaël et al., "Myocardial Dysfunction and Potential Cardiac Hypoxia in Rats Induced by Carbon Monoxide Inhalation," <i>Am. J. Respir. Crit. Care Med.</i> , Vol. 174:320-325 (2006)	
	C66	Friebe, Andreas et al., "YC-1 Potentiates Nitric Oxide- and Carbon Monoxide-Induced Cyclic GMP Effects in Human Platelets," <i>Molecular Pharmacology</i> , Vol. 54:962-967 (1998)	
	C67	Fujii, Hiromi et al., "Protective role of heme oxygenase-1 in the intestinal tissue injury in an experimental model of sepsis," <i>Crit. Care Med.</i> , Vol. 31(3):893-902 (2003)	
	C68	Fujita, Tomoyuki et al., "Paradoxical rescue from ischemic lung injury by inhaled carbon monoxide drive by derepression of fibrinolysis," <i>Nature Medicine</i> , Vol. 7(5):598-604 (2001)	
	C69	Gaine, Sean P. et al., "Induction of Heme Oxygenase-1 with Hemoglobin Depresses Vasoreactivity in Rat Aorta," <i>Journal of Vascular Research</i> , Vol. 36:114-119 (1999)	
	C70	Goldberg, Mark A. et al., "Similarities between the Oxygen-sensing Mechanisms Regulating the Expression of Vascular Endothelial Growth Factor and Erythropoietin," <i>The Journal of Biological Chemistry</i> , Vol. 269(6):4355-4359 (1994)	

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	C71	Goto, Jun et al., "Heme Oxygenase-1 Reduces Murine Monocrotaline-Induced Pulmonary Inflammatory Responses and Resultant Right Ventricular Overload," <i>Antioxidants &amp; Redox Signaling</i> , Vol. 4(4):563-568 (2002)	
	C72	Grau, Cai et al., "Effect of Carbon Monoxide Breathing on Hypoxia and Radiation Response in the SCCVII Tumor <i>In Vivo</i> ," <i>Int. J. Radiation Oncology Biol. Phys.</i> , Vol. 29(3):449-454 (1994)	
	C73	Grau, Cai et al., "Influence of Carboxyhemoglobin Level on Tumor Growth, Blood Flow, and Radiation Response in an Experimental Model," <i>Int. J. Radiation Oncology Biol. Phys.</i> , Vol. 22:421-424 (1992)	
	C74	Günther, Lukas et al., "Carbon Monoxide Protects Pancreatic β-Cells From Apoptosis and Improves Islet Function/Survival After Transplantation," <i>Diabetes</i> , Vol. 51:994-999 (2002)	
	C75	Guo, Xin et al., "Modulation of heme oxygenase in tissue injury and its implication in protection against gastrointestinal diseases," <i>Life Sciences</i> , Vol. 69:3113-3119 (2001)	
	C76	Hantson, Philippe et al., "Organ Transplantation From Victims of Carbon Monoxide Poisoning," <i>Annals of Emergency Medicine</i> , Vol. 27(5):673-674 (1996)	
	C77	Harmey, Judith H. et al., "Vascular endothelial growth factor (VEGF), a survival factor for tumour cells: implications for anti-angiogenic therapy," <i>BioEssays</i> , Vol. 24:280-283 (2002)	
	C78	Hartsfield, Cynthia L., "Cross Talk Between Carbon Monoxide and Nitric Acid," <i>Antioxidants &amp; Redox Signaling</i> , Vol. 4(2):301-307 (2002)	
	C79	Hartsfield, Cynthia L. et al., "Differential signaling pathways of HO-1 gene expression in pulmonary and systemic vascular cells," <i>Am. J. Physiol.</i> , Vol. 277(6 pt. 1):L1133-L1141 (1999)	
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	C81	Hartsfield, Cynthia L. et al., "Regulation of heme oxygenase-1 gene expression in vascular smooth muscle cells by nitric oxide," <i>Am. J. Physiol. Lung Cell Mol. Physiol.</i> , Vol. 273:L980-L988 (1997)	
	C82	Hashiba, T. et al., "Adenovirus-mediated transfer of heme oxygenase-1 cDNA attenuates severe lung injury induced by the influenza virus in mice," <i>Gene Therapy</i> , Vol. 8:1499-1507 (2001)	
	C83	Hayes, Harry Jr., "A Review of Modern Concepts of Healing of Cutaneous Wounds," <i>J. Dermatol. Surg. Oncol.</i> , Vol. 3:188-193 (1977)	
	C84	Hébert, Marie-Josée et al., "Transplantation of Kidneys from a Donor with Carbon Monoxide Poisoning," <i>The New England Journal of Medicine</i> , Vol. 326(23):1571 (1992)	
	C85	Hisada, Takeshi et al., "Involvement of haem oxygenase-1 in oxone-induced airway inflammation and hyperresponsiveness," <i>European Journal of Pharmacology</i> , Vol. 399:229-234 (2000)	
	C86	Horváth, I. et al., "'Haem oxygenase-1 induction and exhaled markers of oxidative stress in lung disease,' summary of the ERS Research Seminar in Budapest, Hungary, September, 1999," <i>European Respiratory Journal</i> , Vol. 18:420-430 (2001)	
	C87	Huizinga, Jan D., "Physiology and Pathophysiology of the Interstitial Cell of Cajal: From Bench to Bedside II. Gastric motility: lessons from mutant mice on slow waves and innervation," <i>Am. J. Physiol. Gastrointest. Liver Physiol.</i> , Vol. 281:G1129-G1134 (2001)	
	C88	Iberer, Florian et al., "Cardiac Allograft Harvesting after Carbon Monoxide Poisoning. Report on a Successful Orthotopic Heart Transplantation," <i>J. Heart Lung Transplant</i> , Vol. 12:499-500 (1993)	
	C89	Johnson, J.I. et al., "Relationships between drug activity in NCI preclinical in vitro and in vivo models and early clinical trials," <i>British Journal of Cancer</i> , Vol. 84(10):1424-1431 (2001)	
	C90	Joško, Jadwiga et al., "Vascular endothelial growth factor (VEGF) and its effect on angiogenesis," <i>Med. Sci. Monit.</i> , Vol. 6(5):1047-1052 (2000)	

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	C91	Katori, Masamichi et al., "Heme Oxygenase-1 System in Organ Transplantation," <i>Transplantation</i> , Vol. 74:905-912 (2002)	
	C92	Kaufman, Dixon B. et al., "Differential Roles of Mac-1+ Cells, and CD4+ and CD8+ T Lymphocytes in Primary Nonfunction and Classic Rejection of Islet Allografts," <i>J. Exp. Med.</i> , Vol. 172:291-302 (1990)	
	C93	Koerner, Michael M. et al., "Extended Donor Criteria: Use of Cardiac Allografts after Carbon Monoxide Poisoning," <i>Transplantation</i> , Vol. 63(9):1358-1360 (1997)	
	C94	Kozma, Fruzsina et al., "Role of carbon monoxide in heme-induced vasodilation," <i>European Journal of Pharmacology</i> , Vol. 323:R1-R2 (1997)	
	C95	Krause, K. et al., "Recombinant human erythropoietin and VEGF have equal angiogenic potency: investigation in a novel in vitro assay of human vascular tissue," <i>European Heart Journal</i> , Vol. 22:154 (2001)	
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	C97	Lacy, Paul E. et al., "Transplantation of Pancreatic Islets," <i>Ann. Rev. Immunol.</i> , Vol. 2:183-198 (1984)	
	C98	Lee et al., "Intestinal Motility and Absorption in Acute Carbon Monoxide Poisoning," <i>The Seoul Journal of Medicine</i> , Vol. 15(2):95-105 (1974)	
	C99	Lee, Patty J. et al., "Regulation of Heme Oxygenase-1 Expression In Vivo and In Vitro in Hyperoxic Lung Injury," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 14:556-568 (1996)	
	C100	Lefer, David J. et al., "A Comparison of Vascular Biological Actions of Carbon Monoxide and Nitric Oxide," <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , Vol. 15(9):617-622 (1993)	

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	C101	Leikin, Jerrold B. et al., "The Toxic Patient as a Potential Organ Donor," <i>Am. J. Emerg. Med.</i> , Vol. 12:151-154 (1994)	
	C102	Li, Li et al., "Protection against ozone-induced pulmonary inflammation and cell death by endotoxin pretreatment in mice: Role of HO-1," <i>Inhalation Toxicology</i> , Vol. 12:1225-1238 (2000)	
	C103	Libby, Peter et al., "Chronic Rejection," <i>Immunity</i> , Vol. 14:387-397 (2001)	
	C104	Liu, Yuxiang et al., "Carbon Monoxide and Nitric Oxide Suppress the Hypoxic Induction of Vascular Endothelial Growth Factor Gene via the 5' Enhancer," <i>The Journal of Biological Chemistry</i> , Vol. 273(24):15257-15262 (1998)	
	C105	Madhavan, Malathy et al., "Serum bilirubin distribution and its relation to cardiovascular risk in children and young adults," <i>Atherosclerosis</i> , Vol. 131:107-113 (1997)	
	C106	Mandrup-Poulsen, Thomas et al., "Human Tumor Necrosis Factor Potentiates Human Interleukin 1-Mediated Rat Pancreatic $\beta$ -Cell Cytotoxicity," <i>The Journal of Immunology</i> , Vol. 139(12):4077-4082 (1987)	
	C107	Mansouri, Ali et al., "Alteration of Platelet Aggregation by Cigarette Smoke and Carbon Monoxide," <i>Thrombosis and Haemostasis</i> , Vol. 48(3):286-288 (1982)	
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	C109	Maxwell, L.C. et al., "Studies in Cancer Chemotherapy XI. The Effect of CO, HCN, and Pituitrin Upon Tumor Growth," <i>The Journal of Pharmacology and Experimental Therapeutics</i> , Vol. 49:270-282 (1933)	
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				Art Unit	1652
				Examiner Name	H. A. Robinson
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	C111	Mazzola, S. et al., "Carbon monoxide pretreatment prevents respiratory derangement and ameliorates hyperacute endotoxic shock in pigs," <i>The FASEB Journal</i> , Vol. 19(14):1-18 (2005)	
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	C121	Morita, Shunsuke, "Cardiovascular disease and heme oxygenase carbon monoxide system," <i>Igaku no Ayumi (Advances in Medicine)</i> , Vol. 197(9):737-741 (2001)	
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	C152	Otterbein, Leo et al., "Mechanism of hemoglobin-induced protection against endotoxemia in rats: a ferritin-independent pathway," <i>Am. J. Physiol. Lung Cell. Mol. Physiol.</i> , Vol. 272:L268-L275 (1997)	
	C153	Otterbein, Leo E. et al., "Protective Effects of Heme Oxygenase-1 in Acute Lung Injury," <i>Chest</i> , Vol. 116:61S-63S (1999)	
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	C171	Pileggi, Antonello et al., "Heme Oxygenase-1 Induction in Islet Cells Results in Protection From Apoptosis and Improved In Vivo Function After Transplantation," <i>Diabetes</i> , Vol. 50:1983-1991 (2001)	
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	C186	Ryter, Stefan W. et al., "Regulation of endothelial heme oxygenase activity during hypoxia is dependent on chelatable iron," <i>Am. J. Physiol. Heart Circ. Physiol.</i> , Vol. 279:H2889-H2897 (2000)	
	C187	Ryter, Stefan et al., "Mitogen activated protein kinase (MAPK) pathway regulates heme oxygenase-1 gene expression by hypoxia in vascular cells," <i>Exp. Biol. Med.</i> , Vol. 228(5):607 (2003)	
	C188	Ryter, Stefan W. et al., "Therapeutic applications of carbon monoxide in lung disease," <i>Current Opinion in Pharmacology</i> , Vol. 6:257-262 (2006)	
	C189	Sarady, Judit K. et al., "Carbon Monoxide Modulates Endotoxin-Induced Production of Granulocyte Macrophage Colony-Stimulating Factor in Macrophages," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 27:739-745 (2002)	
	C190	Sarady, Judit K. et al., "Cytoprotection by heme oxygenase/CO in the lung," <i>Disease Markers in Exhaled Breath, Basic Mechanisms and Clinical Applications</i> , Nandor Marcin, Ed., IOS Press, pgs. 73-78 (2002)	

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Sheet	24	of	30	Filing Date	August 5, 2005
				First Named Inventor	Fritz H. BACH
				Art Unit	1652
				Examiner Name	H. A. Robinson
				Attorney Docket Number	CNZ-006USRCE

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	C191	Sasidhar, Madhu et al., "Exogenous Carbon Monoxide Attenuates Mitogen Activated Protein Kinase (MAPK) Activation in Rat Pulmonary Artery Endothelial Cells Exposed to Hypoxia," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A352 (1999)	
	C192	Sass, Gabriele et al., "Heme Oxygenase-1 and Its Reaction Product, Carbon Monoxide, Prevent Inflammation-Related Apoptotic Liver Damage in Mice," <i>Hepatology</i> , Vol. 38:909-918 (2003)	
	C193	Sato, K. et al., "Heme Oxygenase-1 or Carbon Monoxide Prevents the Inflammatory Response Associated with Xenograft Rejection," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1) No. 345 (2000)	
	C194	Sato, Koichiro et al., "Carbon monoxide can fully substitute Heme Oxygenase-1 in suppressing the rejection of mouse to rat cardiac transplants," <i>Acta Haematologica</i> , Vol. 103(Suppl. 1) No. 348 (2000)	
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	C196	Schipper, H.M. et al., "Expression of Heme Oxygenase-1 in the Senescent and Alzheimer-diseased Brain," <i>Ann. Neurol.</i> , Vol. 37:758-768 (1995)	
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	C198	Seyfried, S. et al., "HO-1 Induction protects mice from immune-mediated liver injury," <i>Naunyn-Schmiedeber's Archives of Pharmacology</i> , Vol. 367:R80 (2003)	
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	C200	Shennib, Hani et al., "Successful Transplantation of a Lung Allograft from a Carbon Monoxide-poisoning Victim," <i>J. Heart Lung Transplant</i> , Vol. 11:68-71 (1992)	

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	C201	Singhal, Aneesh B. et al., "Effects of Normobaric Hyperoxia in a Rat Model of Focal Cerebral Ischemia-Reperfusion," <i>Journal of Cerebral Blood Flow &amp; Metabolism</i> , Vol. 22:861-868 (2002)	
	C202	Siow, Richard C.W. et al., "Heme oxygenase-carbon monoxide signalling pathway in atherosclerosis: anti-atherogenic actions of bilirubin and carbo monoxide," <i>Cardiovascular Research</i> , Vol. 41:385-394 (1999)	
	C203	Slebos, Dirk-Jan et al., "Heme oxygenase-1 and carbon monoxide in pulmonary medicine," <i>Respiratory Research</i> , Vol. 4(7):1-13 (2003)	
	C204	Smith, Julian A. et al., "Successful Heart Transplantation with Cardiac Allografts Exposed to Carbon Monoxide Poisoning," <i>J. Heart Lung Transplant</i> , Vol. 11:698-700 (1992)	
	C205	Soares, M.P. et al., "Expression of heme oxygenase-1 can determine cardiac xenograft survival," <i>Nature Medicine</i> , Vol. 4(9):1073-1077 (1998)	
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	C208	Soares, Miguel P. et al., "Modulation of Endothelial Cell Apoptosis by Heme Oxygenase-1-Derived Carbon Monoxide," <i>Antioxidants &amp; Redox Signaling</i> , Vol. 4(2):321-329 (2002)	
	C209	Song, Ruiping et al., "Carbon Monoxide Induces Cytoprotection in Rat Orthotopic Lung Transplantation via Anti-Inflammatory and Anti-Apoptotic Effects," <i>American Journal of Pathology</i> , Vol. 163(1):231-242 (2003)	
	C210	Song, Ruiping et al., "Carbon Monoxide Inhibits Human Airway Smooth Muscle Cell Proliferation via Mitogen-Activated Protein Kinase Pathway," <i>Am. J. Respir. Cell Mol. Biol.</i> , Vol. 27:603-610 (2002)	

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	C212	Stewart, Richard D. et al., "The Effect of Carbon Monoxide on Humans," <i>Journal of Occupational Medicine</i> , Vol. 18(5):304-309 (1976)	
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	C219	Taylor, Peter C., "Anti-TNF Therapy for Rheumatoid Arthritis and Other Inflammatory Diseases," <i>Molecular Biotechnology</i> , Vol. 19:153-168 (2001)	
	C220	Tenderich, Gero et al., "Hemodynamic Follow-up on Cardiac Allografts from Poisoned Donors," <i>Transplantation</i> , Vol. 66(9):1163-1167 (1998)	

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	C221	Tenhuunen, Raimo et al., "The Enzymatic Conversion of Heme to Bilirubin by Microsomal Heme Oxygenase," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 61(2):748-755 (1968)	
	C222	Thiemermann, Christoph, "Inhaled CO: Deadly gas or novel therapeutic?" <i>Nature Medicine</i> , Vol. 7(5):534-535 (2001)	
	C223	Thom, Stephen R. et al., "Therapeutic" Carbon Monoxide May be Toxic," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 171:1318 (2005)	
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	C226	Togane, Yuko et al., "Protective roles of endogenous carbon monoxide in neointimal development elicited by arterial injury," <i>Am. J. Physiol. Heart Circ. Physiol.</i> , Vol. 278:H623-H632 (2000)	
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	C228	Utz, J. et al., "Carbon monoxide relaxes ileal smooth muscle through activation of guanylate cyclase," <i>Biochemical Pharmacology</i> , Vol. 41(8):1195-1201 (1991)	
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	C230	Vassalli, F. et al., "Inhibition of hypoxic pulmonary vasoconstriction by carbon monoxide in dogs," <i>European Respiratory Journal</i> , ERS Annual Congress, Geneva, Switzerland, Sept. 19-23, Abstract No. 1595 (1998)	

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	C231	Verma, Ajay et al., "Carbo.Monoxyde: A Putative Neural Messenger," <i>Science</i> , Vol. 259:381-384 (1993)	
	C232	Verran, Deborah et al., "Use of Liver Allografts from Carbon Monoxide Poisoned Cadaveric Donors," <i>Transplantation</i> , Vol. 62(10):1514-1515 (1996)	
	C233	Vitek, Libor et al., "Gilbert syndrome and ischemic heart disease: a protective effect of elevated bilirubin levels," <i>Atherosclerosis</i> , Vol. 160:449-456 (2002)	
	C234	Vreman, Hendrick J. et al., "Carbon Monoxide and Carboxyhemoglobin," <i>Advances in Pediatrics®</i> , Vol. 42:303-334 (1995)	
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	C237	Wang, W.P. et al., "Protective role of heme oxygenase-1 on trinitrobenzene sulfonic acid-induced colitis in rats," <i>Am. J. Physiol. Gastrointest. Liver Physiol.</i> , Vol. 281:G586-G594 (2001)	
	C238	WebMD, "Carbon Monoxide Poisoning: Symptoms," retrieved online at <a href="http://www.webmd.com/a-to-z-guides/carbon-monoxide-poisoning-symptoms">http://www.webmd.com/a-to-z-guides/carbon-monoxide-poisoning-symptoms</a> , retrieved July 11, 2005	
	C239	WebMD, "Carbon Monoxide Poisoning: What Happens," retrieved online at <a href="http://www.webmd.com/a-to-z-guides/carbon-monoxide-poisoning-what-happens">http://www.webmd.com/a-to-z-guides/carbon-monoxide-poisoning-what-happens</a> , retrieved July 11, 2005	
	C240	Weir, Gordon C. et al., "Islet transplantation as a treatment for diabetes," <i>Journal of the American Optometric Association</i> , Vol. 69(11):727-732 (1998)	

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	C241	Weir, Gordon C. et al., "Scientific and Political Impediments to Successful Islet Transplantation," <i>Diabetes</i> , Vol. 46:1247-1256 (1997)	
	C242	Welty, S.E. et al., "Hyperoxic Lung Injury is Potentiated by SPC-Promotor Driven Expression of an HO-1 Transgene in Mice," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A218 (1999)	
	C243	Weng, Yi-Hao et al., "Transpulmonary HO-1 Gene Delivery in Neonatal Mice," <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 159(3):A218 (1999)	
	C244	Willoughby, D.A. et al., "Resolution of inflammation," <i>International Journal of Immunopharmacology</i> , Vol. 22:1131-1135 (2000)	
	C245	Yamashita, Kenichiro et al., "Effects of HO-1 induction and carbon monoxide on cardiac transplantation in mice," <i>Exp. Biol. Med.</i> , Vol. 228(5):616 (2003)	
	C246	Yet, Shaw-Fang et al., "Heme Oxygenase 1 in Regulation of Inflammation and Oxidative Damage," <i>Methods in Enzymology</i> , Vol. 353:163-176 (2002)	
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	C251	Zhang, Y. Clare et al., "Adeno-Associated Virus-Mediated IL-10 Gene Therapy Inhibits Diabetes Recurrence in Syngeneic Islet Cell Transplantation of NOD Mice," <i>Diabetes</i> , Vol. 52:708-716 (2003)	
	C252	Zuckerbraun, Brian S. et al., "Carbon Monoxide Protects against Liver Failure through Nitric Oxide-induced Heme Oxygenase 1," <i>J. Exp. Med.</i> , Vol. 198(11):1707-1716 (2003)	
	C253	Zuckerbraun, Brian S. et al., "Carbon Monoxide Inhibits Intestinal Inducible nitric oxide synthase production and ameliorates intestinal inflammation in experimental NEC," <i>J. Am. College of Surgeons</i> , Vol. 197:S50 (2003)	
	C254	Zuckerbraun, Brian S. et al., "Carbon monoxide protects hepatocytes from TNF-alpha/actinomycin D induced cell death," <i>Critical Care Medicine</i> , Vol. 29:A59 (2001)	
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